006280 "hOTOS960

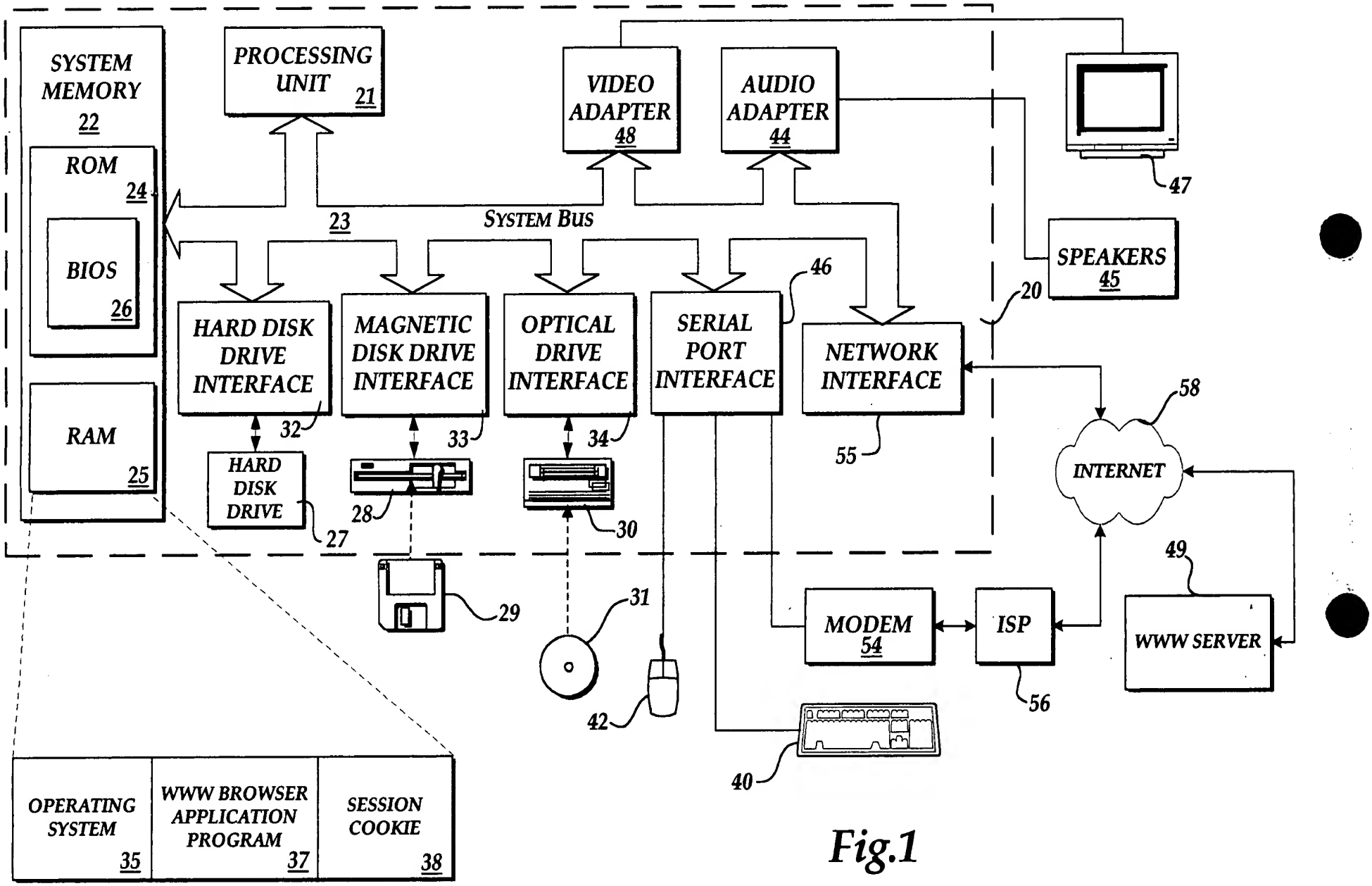

Fig.1

006280 "hOTOS960

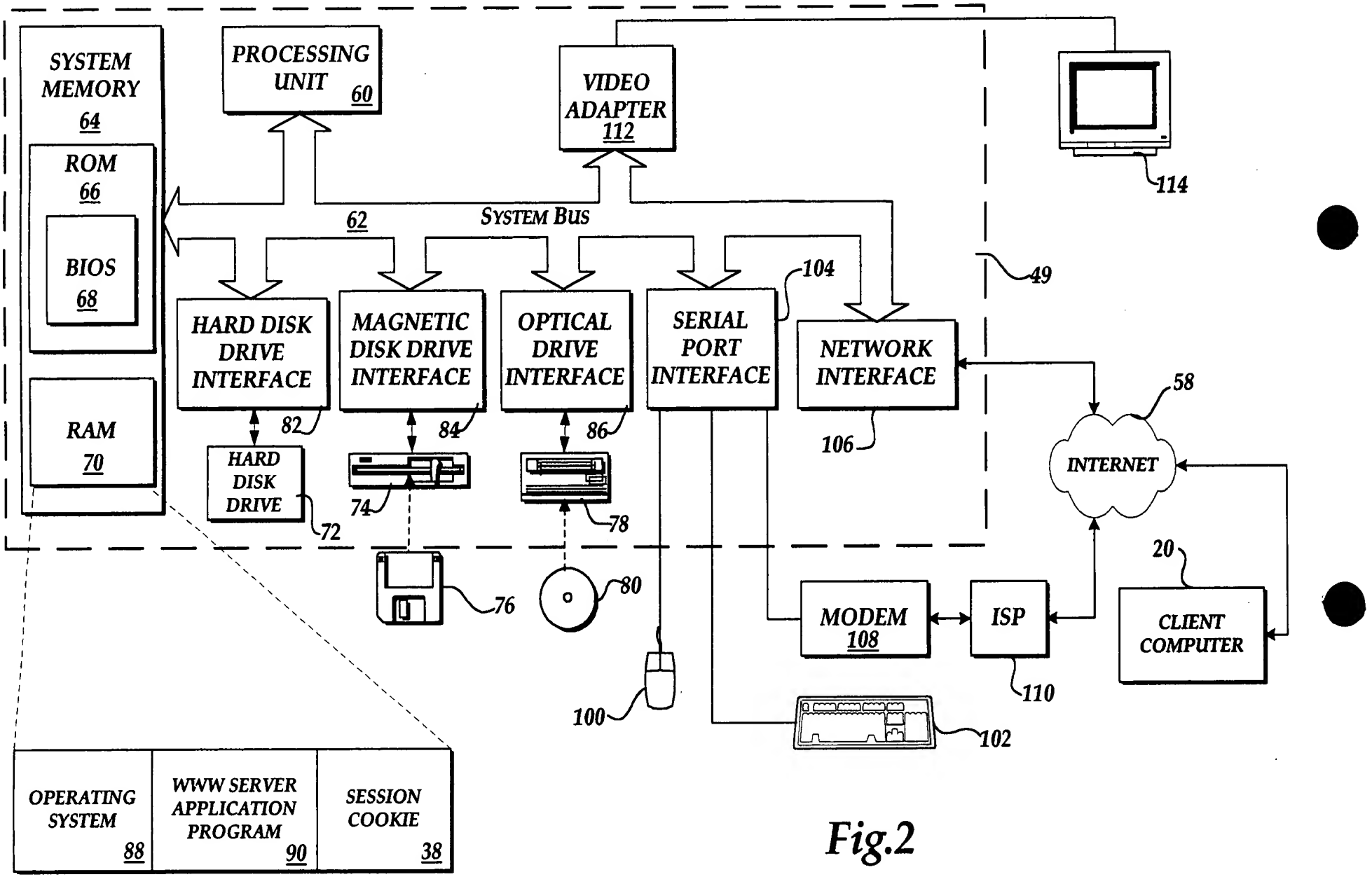

Fig.2

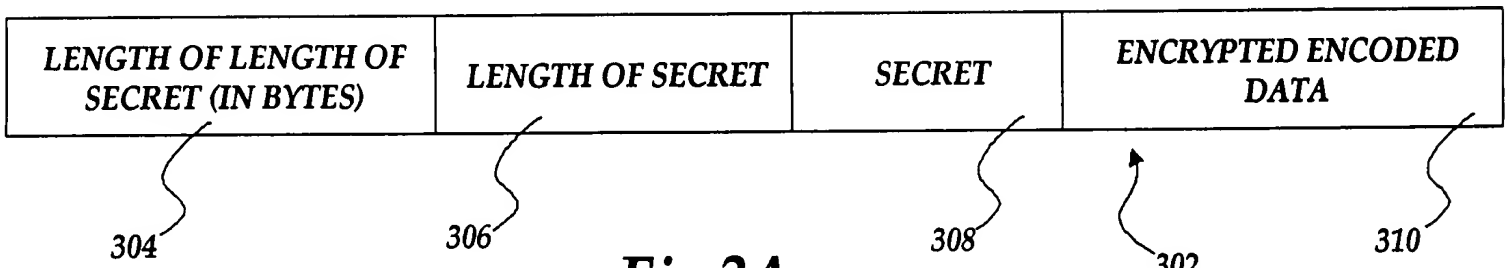
LENGTH OF LENGTH OF SECRET (IN BYTES)
LENGTH OF SECRET
SECRET
ENCRYPTED ENCODED DATA
304
306
308
302
310

Fig.3A

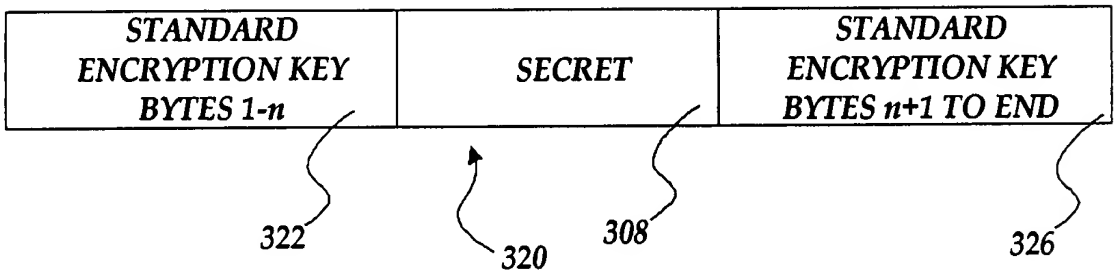
STANDARD ENCRYPTION KEY BYTES 1-n
SECRET
STANDARD ENCRYPTION KEY BYTES n+1 TO END
322
320
308
326

Fig.3B

006280"h0T05960

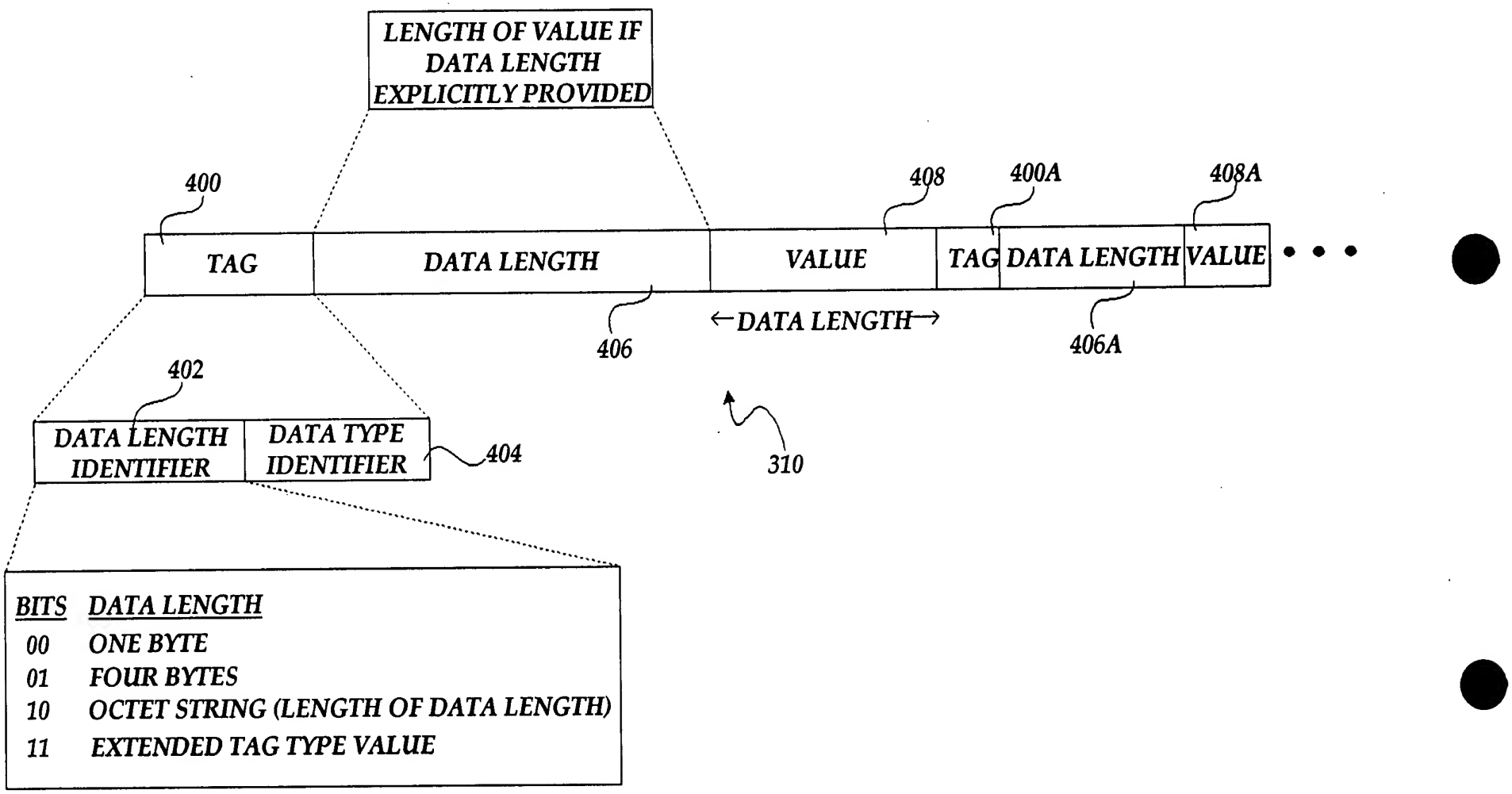

Fig.4

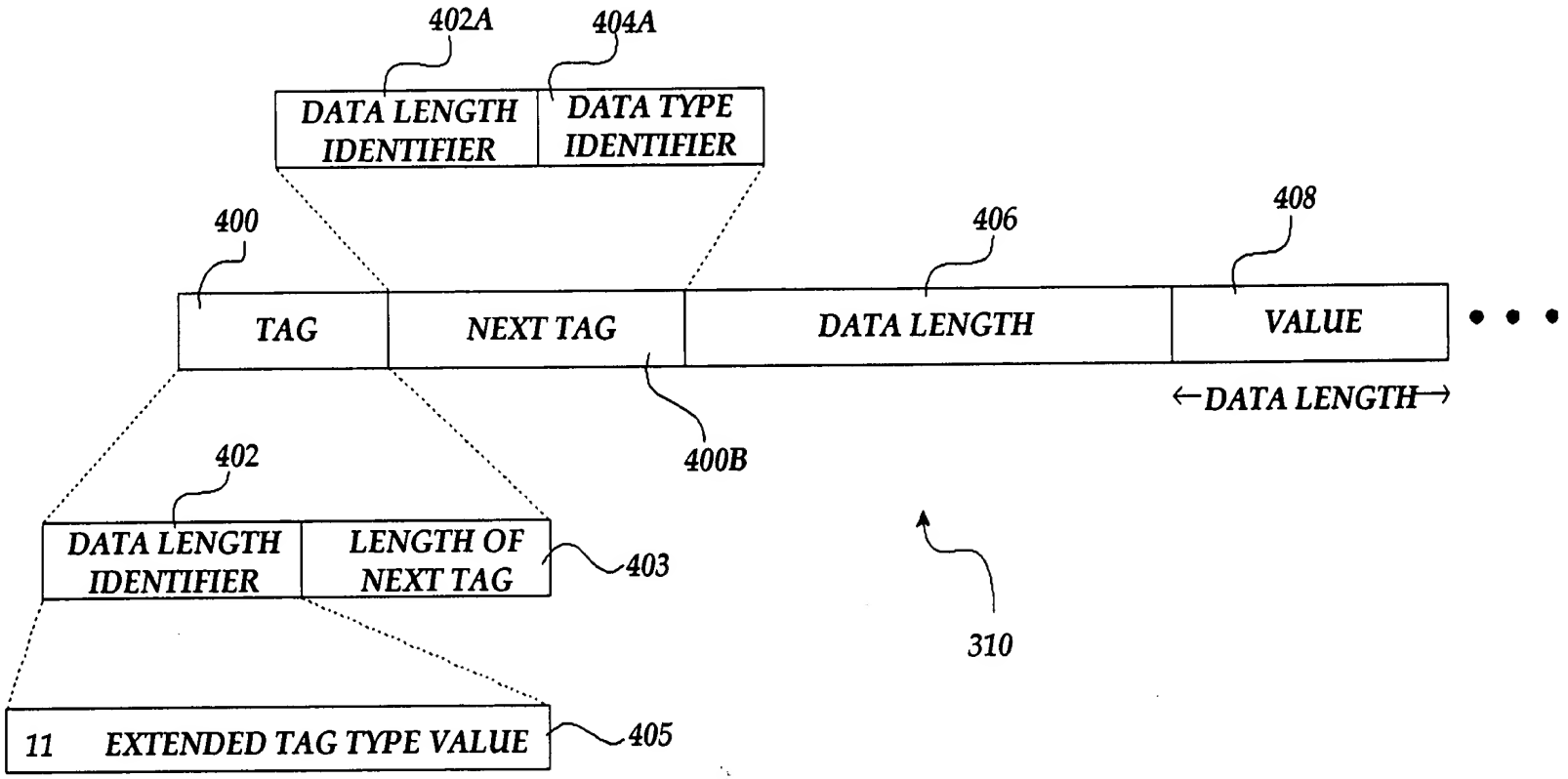
402A
404A
DATA LENGTH IDENTIFIER
DATA TYPE IDENTIFIER
400
406
408
TAG
NEXT TAG
DATA LENGTH
VALUE
← DATA LENGTH →
400B
402
DATA LENGTH IDENTIFIER
LENGTH OF NEXT TAG
403
310
11
EXTENDED TAG TYPE VALUE
405

Fig.5

09505104 - 082500

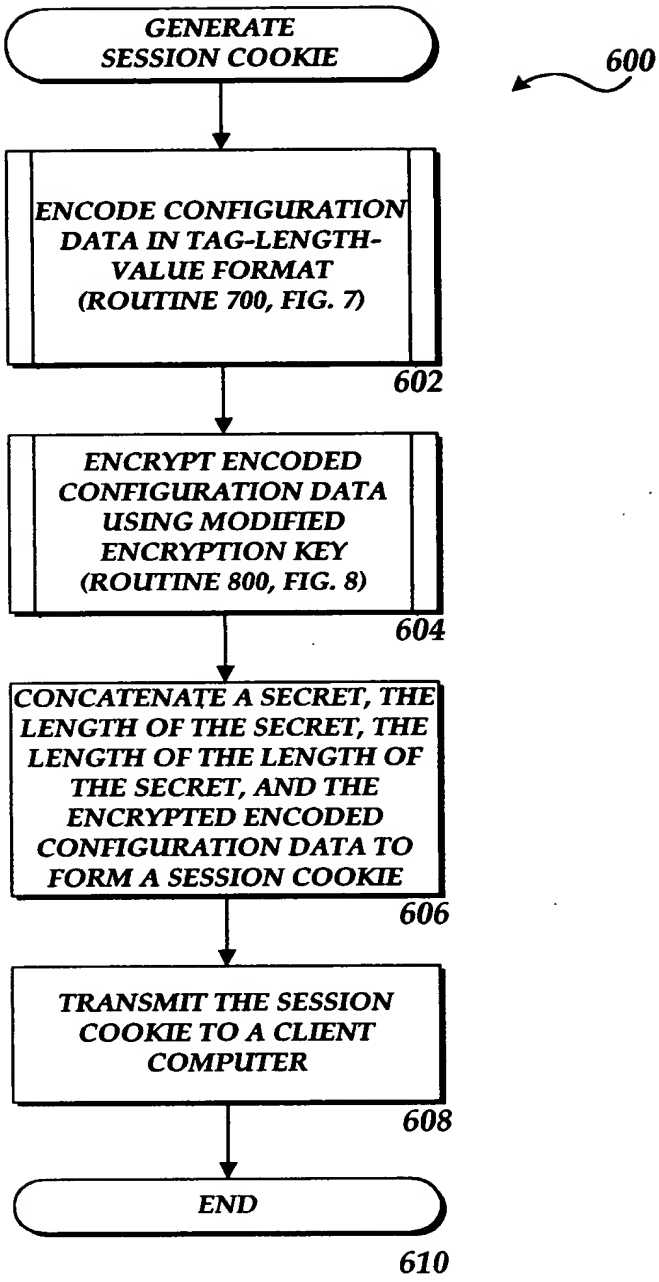

Fig.6

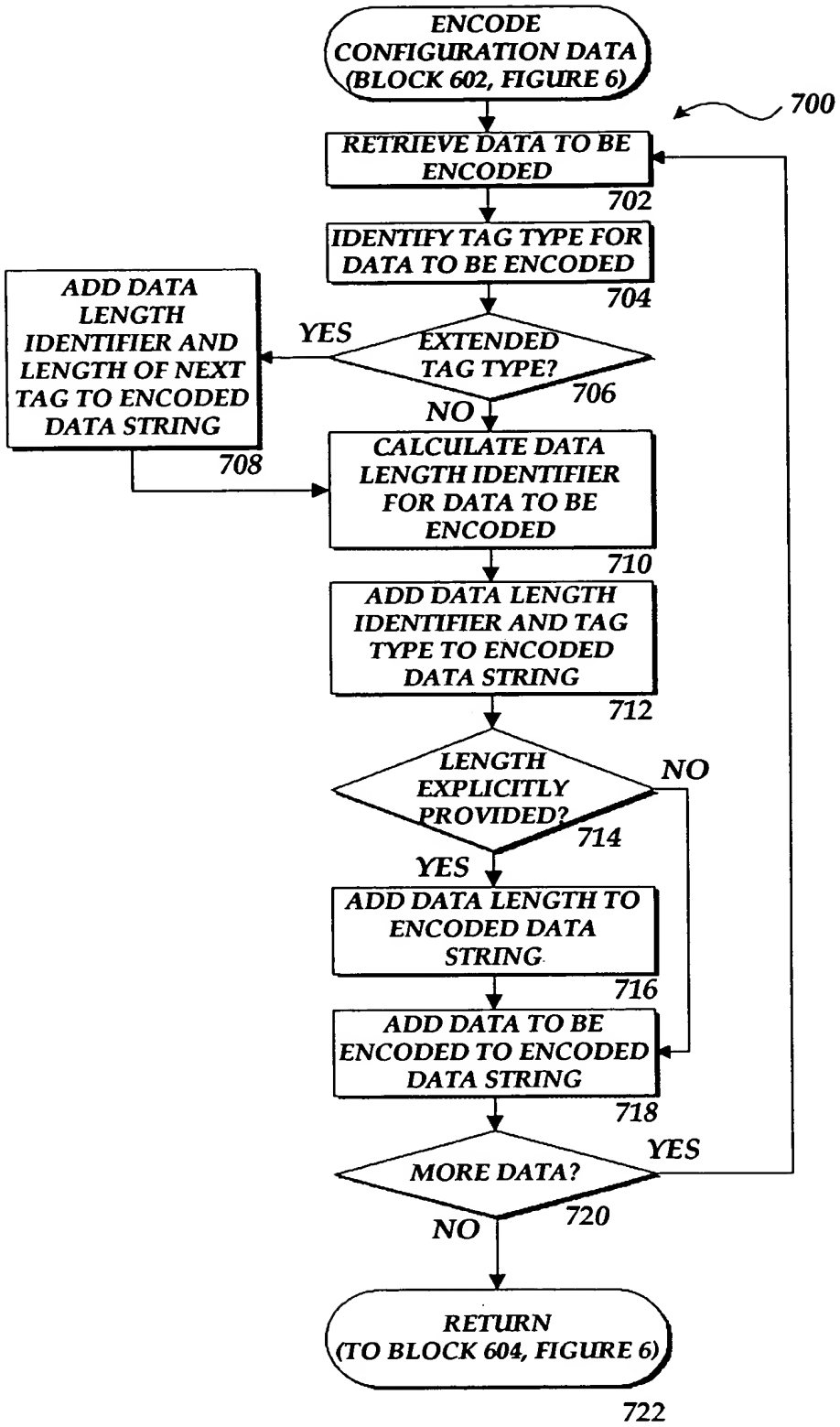
ENCODE CONFIGURATION DATA (BLOCK 602, FIGURE 6)
700
RETRIEVE DATA TO BE ENCODED
702
IDENTIFY TAG TYPE FOR DATA TO BE ENCODED
704
EXTENDED TAG TYPE?
706
YES
ADD DATA LENGTH IDENTIFIER AND LENGTH OF NEXT TAG TO ENCODED DATA STRING
708
NO
CALCULATE DATA LENGTH IDENTIFIER FOR DATA TO BE ENCODED
710
ADD DATA LENGTH IDENTIFIER AND TAG TYPE TO ENCODED DATA STRING
712
LENGTH EXPLICITLY PROVIDED?
714
NO
YES
ADD DATA LENGTH TO ENCODED DATA STRING
716
ADD DATA TO BE ENCODED TO ENCODED DATA STRING
718
MORE DATA?
720
YES
NO
RETURN (TO BLOCK 604, FIGURE 6)
722

Fig.7

09650104-082600

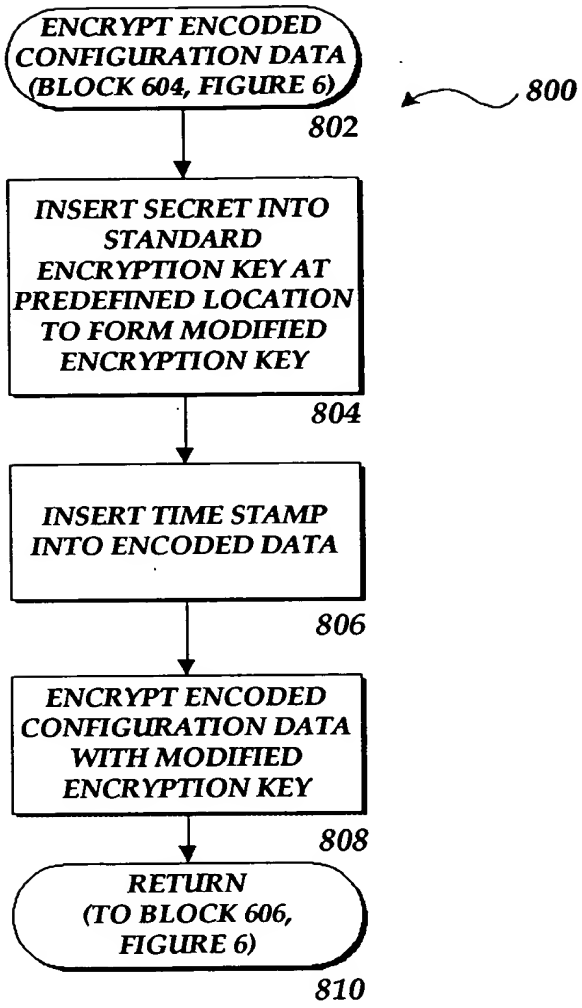

Fig.8

0050-4T0-0852-0050

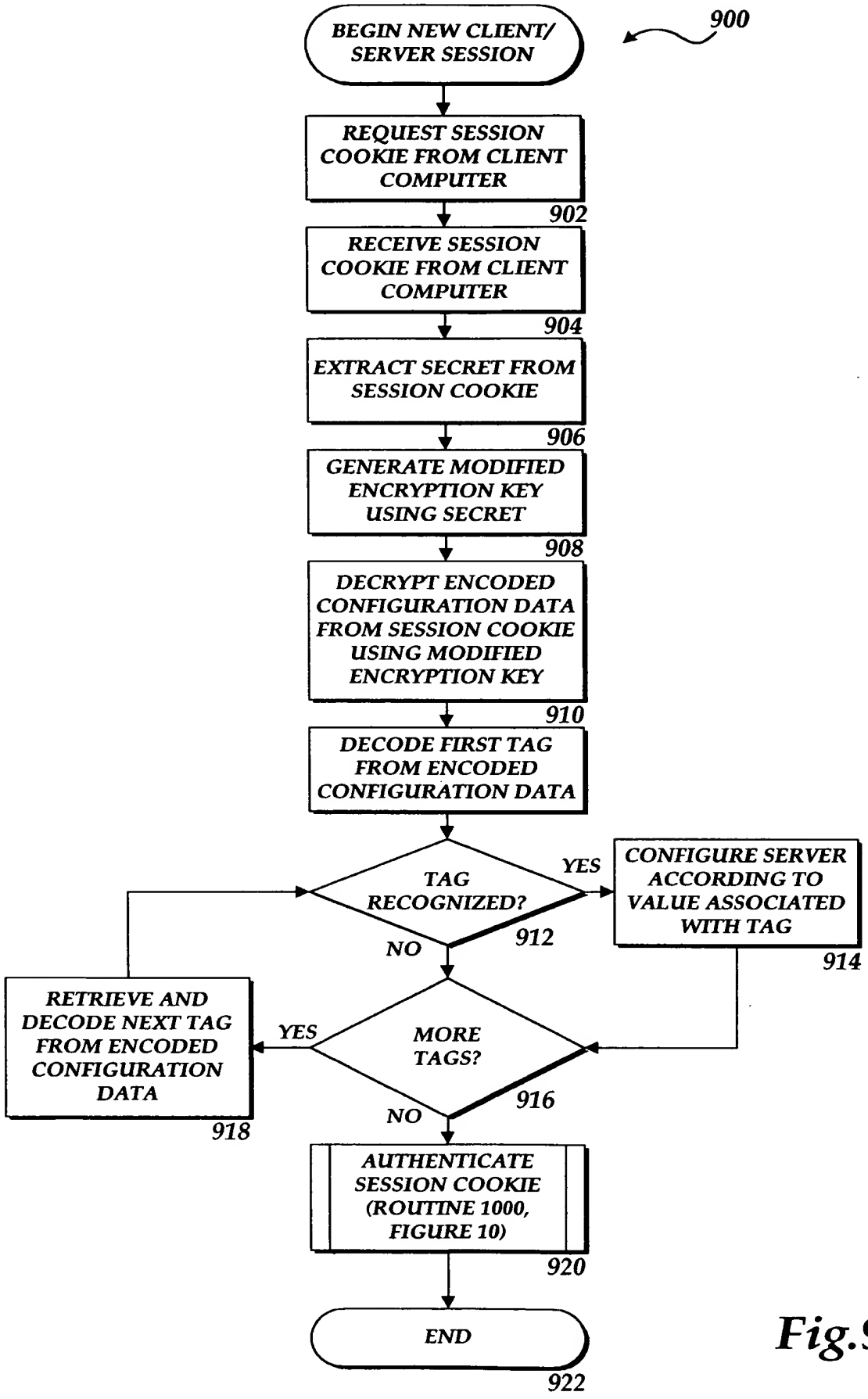

Fig.9

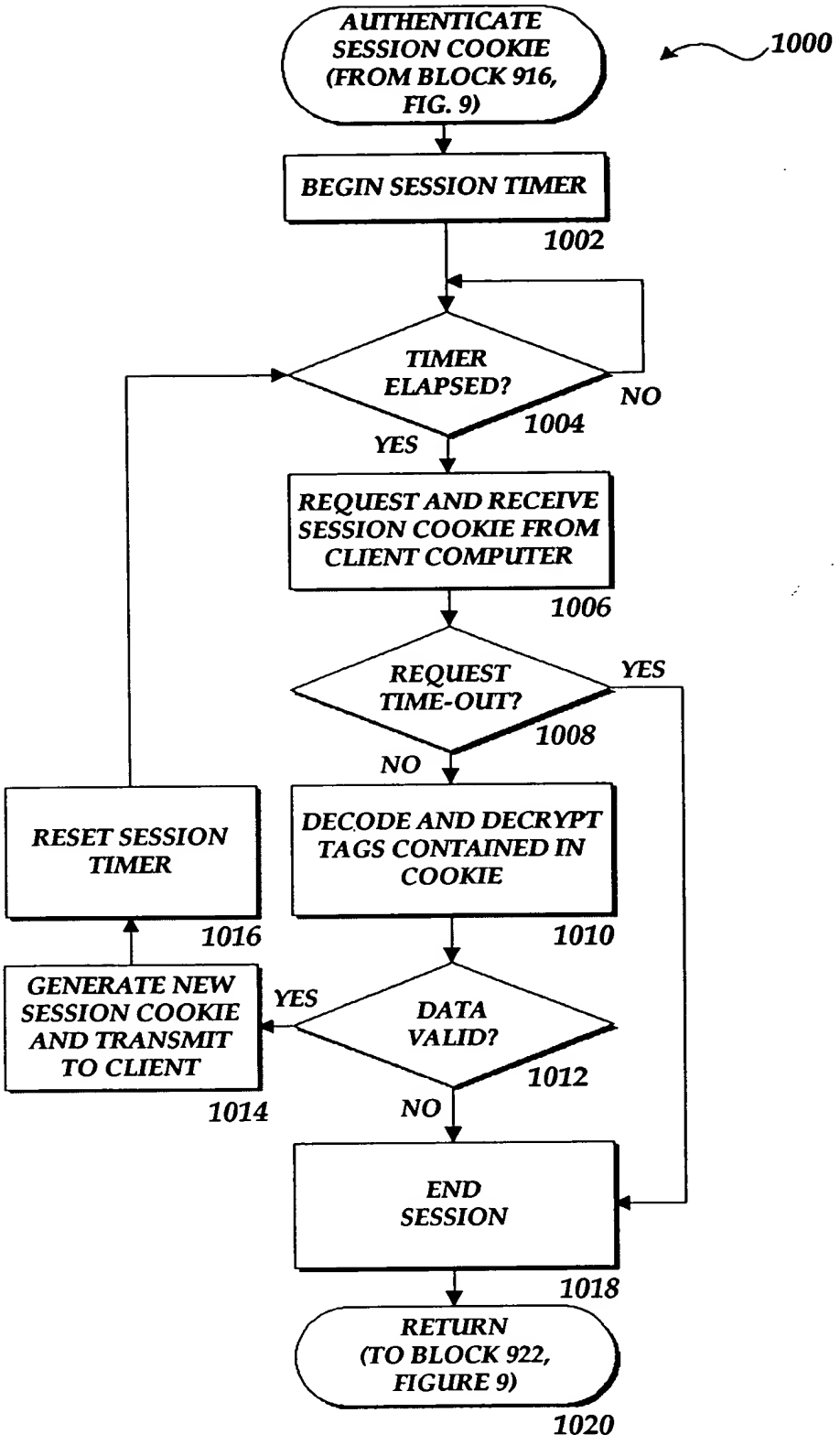
AUTHENTICATE SESSION COOKIE (FROM BLOCK 916, FIG. 9)
1000
BEGIN SESSION TIMER
1002
TIMER ELAPSED?
1004
NO
YES
REQUEST AND RECEIVE SESSION COOKIE FROM CLIENT COMPUTER
1006
REQUEST TIME-OUT?
1008
YES
NO
DECODE AND DECRYPT TAGS CONTAINED IN COOKIE
1010
DATA VALID?
1012
YES
NO
GENERATE NEW SESSION COOKIE AND TRANSMIT TO CLIENT
1014
RESET SESSION TIMER
1016
END SESSION
1018
RETURN (TO BLOCK 922, FIGURE 9)
1020

Fig.10